

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20080253973"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 12:48
L2	7	"200402220"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 12:49
L3	2	"20050249952"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 12:49
L4	6	"2004006871"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 12:55
L5	3	"20030203005"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 12:57
L6	4	"2002017875"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 12:58
L7	20	"4310561"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 13:07

## EAST Search History (Prior Art)

L8	113	"diglycerol fatty acid esters"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 13:09
L9	19	"diglycerol fatty acid esters" AND metal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 13:13
L10	9	"diglycerol fatty acid esters" AND metal adj1 salt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 13:13
L11	35	"5160759"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 13:29
L12	5	"1649762"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 13:38
L13	2	"9835565"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 13:40
L14	1	"sunsoft Q-12 D"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 14:21

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L15	108	"diglycerol monolaurate"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 14:29
L16	1880778	"diglycerol monolaurate" AND metal salt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 14:29
L17	1880776	"diglycerol monolaurate" AND metaladj1 salt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 14:29
L18	35	"diglycerol monolaurate" AND metal adj1 salt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 14:30
L19	149	"diglycerol monolaurate" OR "diglycerol monomyristate" "diglycerol monopalmitate" AND (calcium magnesium iron zinc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 14:54
L20	113	("diglycerol monolaurate" "diglycerol monomyristate" "diglycerol monopalmitate") AND (calcium magnesium iron zinc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 14:56
L21	36	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND ("diglycerol monolaurate" "diglycerol monomyristate" "diglycerol monopalmitate")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 15:10

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L22	55	"5951991"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 15:44
S1	521708	("calcium pyrophosphate" "calcium phosphate" "calcium carbonate" "ferrous hydroxide" "ferrous phosphate" "ferric pyrophosphate" "ferrous carbonate" "magnesium hydroxide" "magnesium pyrophosphate" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc hydroxide" "zinc pyrophosphate")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/05 18:31
S2	9	("calcium pyrophosphate" "calcium phosphate" "calcium carbonate" "ferrous hydroxide" "ferrous phosphate" "ferric pyrophosphate" "ferrous carbonate" "magnesium hydroxide" "magnesium pyrophosphate" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc hydroxide" "zinc pyrophosphate") AND diglycerol NEAR "fatty acid" NEAR ester	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/05 18:32
S3	5601	("calcium pyrophosphate" "calcium phosphate" "calcium carbonate" "ferrous hydroxide" "ferrous phosphate" "ferric pyrophosphate" "ferrous carbonate" "magnesium hydroxide" "magnesium pyrophosphate" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc hydroxide" "zinc pyrophosphate") AND HLB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/05 18:43
S4	5050564	("calcium pyrophosphate" "calcium phosphate" "calcium carbonate" "ferrous hydroxide" "ferrous phosphate" "ferric pyrophosphate" "ferrous carbonate" "magnesium hydroxide" "magnesium pyrophosphate" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc hydroxide" "zinc pyrophosphate") AND HLB AND particle size	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/05 18:43
S5	2932	("calcium pyrophosphate" "calcium phosphate" "calcium carbonate" "ferrous hydroxide" "ferrous phosphate" "ferric pyrophosphate" "ferrous carbonate" "magnesium hydroxide" "magnesium pyrophosphate" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc hydroxide" "zinc pyrophosphate") AND HLB AND "particle size"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/05 18:44

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S6	1269	("calcium pyrophosphate" "calcium phosphate" "calcium carbonate" "ferrous hydroxide" "ferrous phosphate" "ferric pyrophosphate" "ferrous carbonate" "magnesium hydroxide" "magnesium pyrophosphate" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc hydroxide" "zinc pyrophosphate") AND HLB AND "particle size"	USPAT	OR	ON	2009/09/05 18:44
S7	285	("calcium pyrophosphate" "calcium phosphate" "calcium carbonate" "ferrous hydroxide" "ferrous phosphate" "ferric pyrophosphate" "ferrous carbonate" "magnesium hydroxide" "magnesium pyrophosphate" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc hydroxide" "zinc pyrophosphate") SAME "particle size" AND HLB	USPAT	OR	ON	2009/09/05 18:50
S8	61	("calcium pyrophosphate" "calcium phosphate" "calcium carbonate" "ferrous hydroxide" "ferrous phosphate" "ferric pyrophosphate" "ferrous carbonate" "magnesium hydroxide" "magnesium pyrophosphate" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc hydroxide" "zinc pyrophosphate") SAME "particle size" AND HLB AND food	USPAT	OR	ON	2009/09/05 19:30
S9	3	"6074675"	USPAT	OR	ON	2009/09/05 19:32
S10	252	("calcium pyrophosphate" "calcium phosphate" "calcium carbonate" "ferrous hydroxide" "ferrous phosphate" "ferric pyrophosphate" "ferrous carbonate" "magnesium hydroxide" "magnesium pyrophosphate" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc hydroxide" "zinc pyrophosphate") AND diglycerol WITH "fatty acid" WITH ester	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/15 13:52
S11	241	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND diglycerol WITH "fatty acid" WITH ester	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/15 14:40
S12	241	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND diglycerol WITH "fatty acid" WITH ester	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/15 14:41

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S13	241	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND (diglycerol WITH "fatty acid" WITH ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/15 14:45
S14	86	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND (diglycerol WITH "fatty acid" WITH ester) AND (food beverage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/15 14:50
S15	43	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND (diglycerol WITH "fatty acid" WITH ester) AND monoester AND (food beverage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/15 14:51
S16	1	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND (diglycerol WITH "fatty acid" WITH ester) AND monoester ADJ content AND (food beverage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/15 14:52
S17	43	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND (diglycerol WITH "fatty acid" WITH ester) AND monoester AND (food beverage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/16 09:00
S18	32	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND (diglycerol WITH "fatty acid" WITH ester) AND HLB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/16 09:02
S19	7	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND emulsifier SAME (diglycerol WITH "fatty acid" WITH ester) AND HLB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/16 15:38

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S20	0	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND emulsifier SAME (diglycerol WITH "fatty acid" WITH ester) SAME HLB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/16 15:38
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